

Hitachi Circular Saw  
165mm C 6MEY



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Inspire the Next

Hitachi Power Tools

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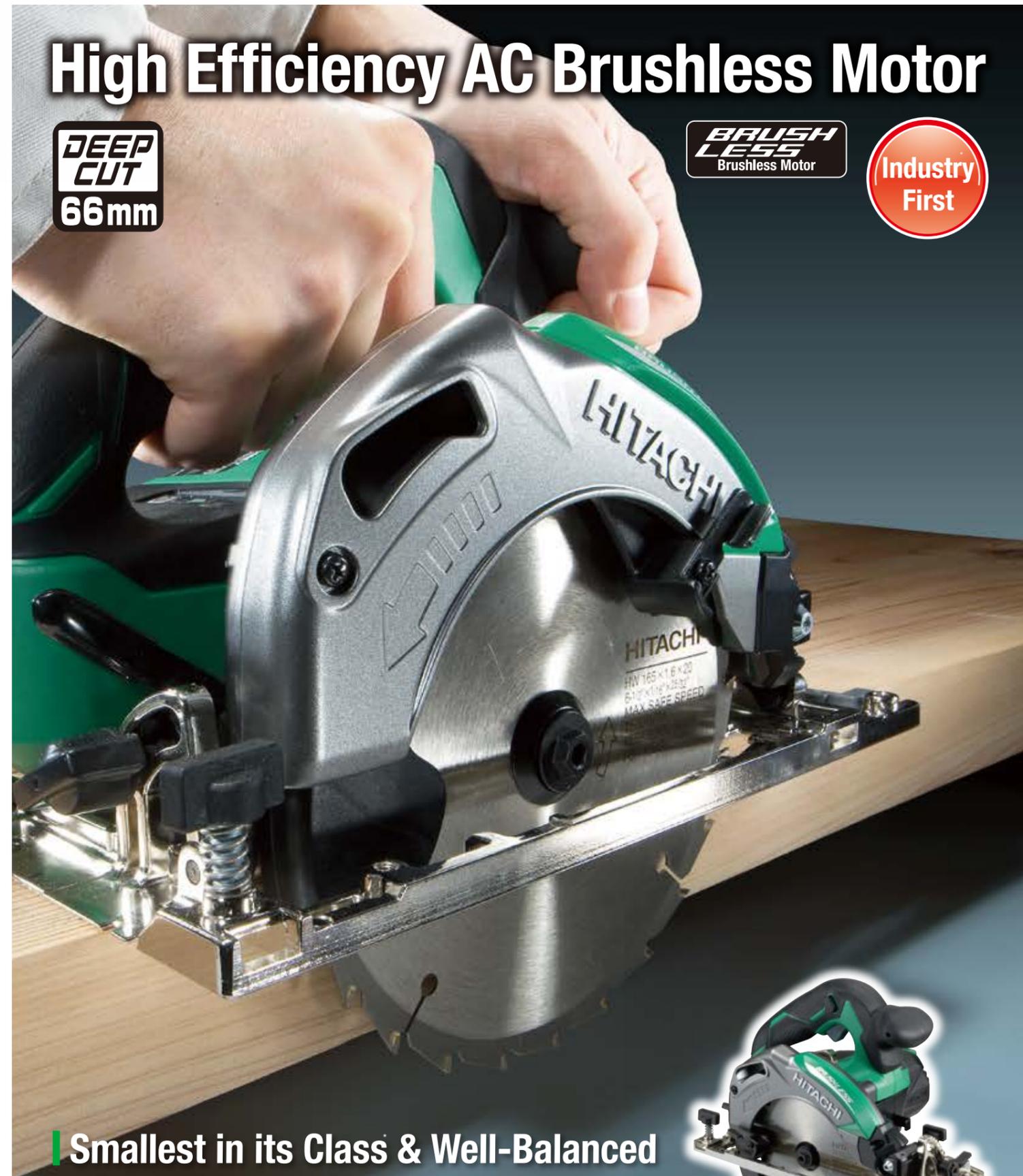
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**High Efficiency AC Brushless Motor**

**DEEP  
CUT**  
66mm

**BRUSH  
LESS**  
Brushless Motor

**Industry  
First**



**Smallest in its Class & Well-Balanced**  
**Resistant to Voltage Drop**



\*As of April 2015. Among 165mm circular saws made by leading power tool manufacturers (surveyed by Hitachi Koki).



# High Efficiency AC Brushless Motor



**DEEP CUT**  
66mm

## Optional Fluorine Plate for Faster Speed

The cutting speed increases by **up to 20%**<sup>2</sup> with a fluorine plate due to less frictional resistance.

The cutting depth decreases by 2.5mm with the fluorine plate attached.

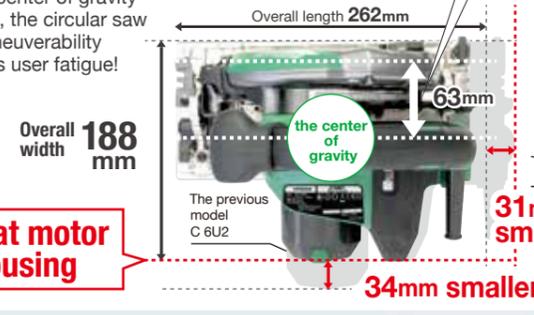


**BRUSHLESS**  
Brushless Motor

## Smallest in Class and Well-Balanced<sup>1</sup>

**Lightweight and compact!**  
Designed with the center of gravity close to the handle, the circular saw offers superior maneuverability and greatly reduces user fatigue!

The handle nearby the blade is easy to push. The handle is **13.7mm** closer to the saw blade.



## Balanced weight distribution to keep it horizontal

Weight balance compared with the previous model.

Lightweight **2.8 kg**

## Quick and easy blade change!

The flat motor housing design with soft material on the surface provides the circular saw with stability when it's laid on its side. This makes blade change easier and also prevents the workpiece being scratched.



## Resistant to Voltage Drop

Monitoring power supply and load conditions, the circular saw offers steady performance with minimum speed decrease even when using an extension cord.

## Compatible with engine generators

Designed to be powered by engine generators as well, thanks to Hitachi's original compact and high efficiency inverter circuit.

## Convenient Cord Holder

to change the position of the power cord from sideways to backward for user convenience.



Cutting depth adjustment system provides smooth and accurate adjustment.

Parallelism adjustment system enables the user to easily ensure the blade is set accurately

High-intensity LED light for increased visibility.

Blower function assists users' sight of cutting line.

-5° bevel setting for perfect miter joints.

Rear guide piece for easy plunge cutting.

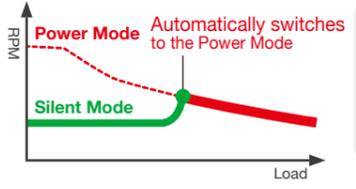
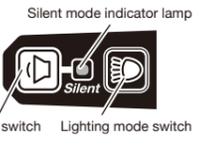
Backward saw dust exhaust (can be connected to a dust extractor.)

Soft start

## Silent Mode

**Ideal for applications in noise-sensitive areas, such as renovation and interior work.**

The Silent Mode lowers the noise by reducing the max motor RPM. When the load increases during the Silent Mode, the operating mode automatically switches to the Power Mode, enabling smooth cutting according to cutting conditions.



The silent mode reduces the RPM to 2,500/min, resulting in **5dB less noise level!** (In comparison with the Power Mode.)

## Overload Protection

monitors changes in the motor's rotation speed and stops the motor the instant it detects sudden drop in speed due to the saw blade becoming bound, etc.

**Warning** Depending on operating conditions, Overload Protection may not work or may not provide the specified performance. Makes sure that the work piece is placed and supported properly, and that the main unit is held firmly during cutting. Additionally, carefully read "CIRCULAR SAW SAFETY WARNINGS" in the instruction manual.

<sup>1</sup> As of April 2015. Among 165mm circular saws made by leading power tool manufactures (surveyed by Hitachi Koki).  
<sup>2</sup> In comparison with an aluminium base (fitted as standard).  
Operating conditions: 50mm thick American pine, 2kg of thrust power

## Specifications

Model		C 6MEY	
Capacity	Blade Dia.	165mm (6-1/2")	
	Max Cut Depth	90°	66mm (2-19/32")
45°		45mm (1-49/64")	
Power Input		1,050W	
No Load Speed	Power Mode	4,100/min	
	Silent Mode	2,500/min	
Overall Length		262mm (10-5/16")	
Weight*		2.8kg (6.2lbs.)	
Standard Accessories		Blade, Wrenches	

\*Weight according to EPTA-Procedure 01/2003.